



CHEF USER MANUAL

BLUETOOTH MOBILE APP CONTROLLED BATTERY POWERED INDUCTION STOVE

Model: C000

Last updated: September 22, 2026



Table of Contents

1. IMPORTANT SAFEGUARDS.....	3
1.1. Warnings	3
1.2. Battery & Power Safety.....	4
1.3. Induction & Heating Safety	6
2. Product Overview & Specifications	7
2.1. What's in the Box.....	7
2.2. Description	8
2.3. Key Specifications	8
2.4. Runtime.....	9
2.5. Feature Highlights	11
2.6. Cookware Compatibility.....	11
3. Setup & First Use.....	11
3.1. Unpacking & Inspection	11
3.2. Placement & Clearance	11
3.3. Initial Setup.....	12
3.4. App Setup and Use	12
3.5. Firmware Updates	15
4. Charging Instructions	15
4.1. Wall-outlet Charging.....	15
4.2. Identifying Your Power Supply.....	16
4.3. Solar Charging.....	17
4.4. Battery Life Tips.....	17
5. Cooking Instructions	17
5.1. Turning On / Off	17
5.2. Selecting Power Level	18
5.3. Cooking Guidelines	19
5.4. Timer & Preset Modes	19

5.5.	LED Ring Light Operation.....	20
5.6.	Built-in Safety and Protection Features	20
6.	Care, Cleaning & Maintenance	22
6.1.	Everyday Cleaning	22
6.2.	Maintenance Checks	22
6.3.	Storage.....	23
6.4.	Disposal ²	23
7.	Troubleshooting & Fault Indications.....	24
7.1.	Reset Procedures	24
8.	Part Label or Permanent Markings	27
9.	Warranty and Service Information.....	29
10.	Regulatory Information.....	30
11.	Frequently Asked Questions	31

1. IMPORTANT SAFEGUARDS

READ ALL INSTRUCTIONS BEFORE USE. Keep this manual for future reference.

1.1. Warnings

Warning: When using electrical appliances, basic safety precautions should always be followed. To reduce the risk of fire, electric shock, or injury to persons, including the following:

1. Use this appliance only as described in this manual.
2. Do not operate the unit if the case is punctured, cracked, or significantly dented by a hard impact, or if the battery is swollen, leaking, or emitting an unusual odor; minor surface scratches and small dents from normal handling are not a safety concern. Return appliance to the nearest authorized service facility for examination, repair, or adjustment.
3. Do not use power supply if power cord or plug are damaged in any manner.
4. Do not immerse the unit, or any electrical components in water or other liquids.
5. Turn the unit off and allow it to cool before cleaning or maintenance.
6. Do not cook on a broken cooking surface. If cooking surface should break, cleaning solutions or spillovers may penetrate the broken cooking surface and create a risk of fire or electric shock.
7. Do not place the device near fire/flames.
8. Store product indoors when not in use, out of the reach of children.

General Use Warnings:

1. Do not charge in wet conditions.
2. Do not immerse in water.
3. Do not drop.
4. Do not store in direct sunlight.
5. Do not charge in direct sunlight.
6. Do not leave hot pan on glass after cooking.
7. Do not store until glass cook surface is cool.
8. Do not use cookware that is not induction-compatible. Aluminum (uncoated), copper, glass, ceramic, and non-magnetic stainless steel will not heat on Chef and may interfere with pan-detection. Test cookware with a magnet — if the magnet does not stick firmly to the cookware base, do not use it.
9. Do not leave Chef unattended while cooking.
10. Do not use any charger except what is provided in the product box.
11. Use only 24–36 V nominal solar panel systems with the included Charger Key Adapter. Do not exceed 48 V DC at the Chef input.
12. Do not place metallic objects (knives, forks, lids, etc.) on the cooking surface; they may become hot or cause magnetic field interference.
13. Do not put the device on a hot surface.
14. Do not attempt to open or service the device.

15. Do not stick anything into the charging port other than the supplied Charger Key Adapter or other newr approved adapters.
16. Compatible cookware includes cast iron, enameled cast iron, carbon steel, and induction-marked (magnetic) stainless steel.
17. Do not use the stove for any purpose other than for cooking food.
18. Do not install, operate, or charge in hazardous (explosive gas or dust) locations, including but not limited to engine compartments, fuel-tank spaces, bilges, or any enclosed space that can accumulate flammable vapor or fumes. Chef and its charger are not ignition protected.
19. Changes or modifications not expressly approved by newr void the manufacturer's warranty.
20. This appliance is intended for household use only unless otherwise specified. For commercial or multi-unit installation, consult newr for approval and additional safety requirements.
21. Do not use this appliance for purposes other than intended use.
22. Close supervision is necessary when any appliance is used by or near children.

SAVE THESE INSTRUCTIONS.

See the Regulatory Information section at the back of this manual for the FCC compliance statement, the California Proposition 65 warning, the implanted medical device (pacemaker/AICD) advisory, the patent marking, and the country-of-origin claim. Continue reading §1.2 and §1.3 for battery, power, and induction-specific safety information.

1.2. Battery & Power Safety

- Follow all charging instructions, and do not charge the battery outside of the temperature range outlined in the Specifications section. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- Chef contains an internal rechargeable battery and is capable of being charged via the provided power supply, solar panels, or DC direct.
- Use only the included or newr-approved charging adapter(s). Do not substitute unknown or damaged power supplies. A power supply that is suitable for one type of battery may create a risk of fire when used with another battery.
- Do not attempt to open or service the battery; there are no user-serviceable parts inside. Battery servicing must be done by newr authorized personnel.
- Comply with all local lithium-ion disposal and recycling guidelines. For safe shipment and disposal, see UN 38.3 battery transport notes.
- Do not use or charge the unit if the device is swollen, leaking, or emitting an unusual odor.
- Chef is passively cooled and does not have a fan. Higher ambient temperatures, direct sunlight, or other external heat sources will keep Chef pre-heated, which reduces available cooking time and can cause pauses in charging. This is safe, but for best performance do not leave Chef in

direct sunlight. Move it to a cooler location out of direct sunlight when it is not in use. See §3.2 and §4.

- Do not ship this product by air. The Chef battery pack exceeds the airline-approval threshold under IATA DGR PI 967 / 49 CFR §173.185 and is authorized for U.S. ground transport only (UN 3481, PI 967 Section I, Class 9, shipped at ≤30% state of charge).

WARNING — Do not leave Chef unattended in hot or sun-exposed spaces. Chef is passively cooled and does not have a fan: it can only cool toward the temperature of the surrounding air, and only once that environment itself cools. It cannot cool below ambient, and it cannot protect itself if left in a hot place.

If Chef is left in direct sunlight or in a hot, enclosed space such as a parked car, a dashboard, or a boat cockpit, its internal temperature will keep climbing with the ambient heat plus the solar load until it is well above its safe storage range of 32–113 °F (0–45 °C). The interior of a car parked in the sun can exceed 140 °F (60 °C); with direct sun on the unit, Chef’s internal temperature can climb far higher. Prolonged exposure above the storage range reduces battery life and can cause permanent thermal damage, and at sufficiently extreme temperatures lithium-ion cells can enter thermal runaway, which presents a fire risk.

Using Chef outdoors is acceptable. Leaving, storing, or charging Chef unattended in any environment where the temperature can rise above its safe storage range is not acceptable. It is the user’s responsibility to move Chef to a cooler location out of direct sunlight.

⚠ DO NOT DRILL, PUNCTURE, OR PENETRATE THE METAL CASE. Chef’s aluminum chassis is a structural safety barrier that protects the internal lithium-ion battery. Drilling, cutting, puncturing, or otherwise penetrating or modifying the case — or fastening or securing the unit by drilling through it — can damage the battery and cause fire, electric shock, or explosion. Do not drill into any part of the unit.

If the case is ever penetrated, cracked, or significantly dented by a hard impact — whether or not Chef still powers on — **stop using Chef immediately, do not charge it, move it away from anything flammable, and contact support@newrcompany.com**. Minor surface scratches and small dents from normal handling and intended use are not a safety concern.

Over-Temperature Behavior and Automatic Protection.

Whenever Chef is ON (meaning the switch is in the ON position, and including hibernate), it continuously monitors its internal temperature. See table in section §5.6 for stages and responses. If Chef’s internal temperature rises above 131 °F (55 °C) while idle, the LED ring flashes RED three times every 10 seconds as an over-temperature warning; this clears when Chef cools. At 140 °F (60 °C) during cooking, Chef stops cooking. At 145 °F (63 °C) the battery-management system (BMS) disconnects the pack which disables the LED ring (the flashing LEDs will stop). When this happens the newr app displays a “CRITICAL FAULT - Overtemperature Detected” alert; recovery requires turning Chef OFF at the power button underneath, letting it cool, then turning it back ON — Chef must be manually reset before use in this instance.

If the internal temperature reaches 176 °F (80 °C), Chef stores the event to memory and locks itself out of all use — both charging and discharging. On the next manual reset and app reconnection, the newr app instructs you to contact newr for return instructions. A unit that has recorded this lockout is not

covered by the limited warranty, and any inspection, battery replacement, or service that follows is at the owner's expense. See the Limited Warranty and Returns sections of the newr Product Purchase Terms and Conditions. This lockout is a safety precaution indicating possible out-of-spec thermal exposure that warrants inspection; it is not a statement that the cells are damaged (a brief 176 °F (80 °C) excursion likely leaves the cell intact).

These electronic protections operate only when Chef is ON (meaning the switch is in the ON position, and including hibernate). When Chef is switched off at the bottom power switch, it cannot sense, record, warn, or lock out. Passive safety features — fuses, cell current-interrupt devices (CIDs), separator shutdown, pressure venting, and housing heat dissipation — remain active in every power state. Keeping Chef within its 32–113 °F (0–45 °C) storage range while it is off is the user's responsibility.

WARNING — Exposure outside Chef's rated thermal limits can invalidate its UL 1642 and IEC 62133-2 cell certifications and, at sufficiently extreme temperatures, create a fire risk from thermal runaway. For safe-storage limits and the parked-car / sun-exposure warning, see the safe-storage warning earlier in this section and the Storage section (§6.3).

1.3. Induction & Heating Safety

WARNING — HOT SURFACES AND COOKWARE

During and after cooking, cookware can reach temperatures above 500°F (260°C), and the glass cooking surface can reach temperatures up to approximately 350°F (175°C). Contact with hot cookware or the glass cooking surface can cause severe burns.

The aluminum chassis on the bottom of the unit may reach up to 140°F (60°C) during operation and is marked with a hot-surface symbol.

The LED ring displays a single LED breathing RED color once cooking has stopped and the glass cooking surface is hot. The newr app will show a "cooking surface is hot" notification when cooking stops. Wait for the breathing RED indicator to clear and the glass cooking surface to be cool to the touch before moving, cleaning, or storing Chef.

- Do not touch hot surfaces. The glass cooking surface and the bottom metal surface may reach hazardous temperatures after cooking. Allow cookware and surfaces to cool before touching.
- Do not move or lift the pan from the cooking surface while it is at high temperature without proper protection.
- Do not attempt to operate without cookware on the active cooking zone.

- Ensure adequate ventilation around the unit; do not cover vents or block airflow.
- Extreme caution must be used when moving an appliance with cookware on top containing hot oil or other liquids.
- Use the unit on a stable, level, heat-resistant surface.

2. Product Overview & Specifications

2.1. What's in the Box

- Chef portable induction stove (Fig 1) Model C000
- newr-supplied AC power supply (Fig 2)
- 120 V AC input cable
- Quick Start Guide
- User Manual
- Accessories: Charger Key Adapter (Fig 3)

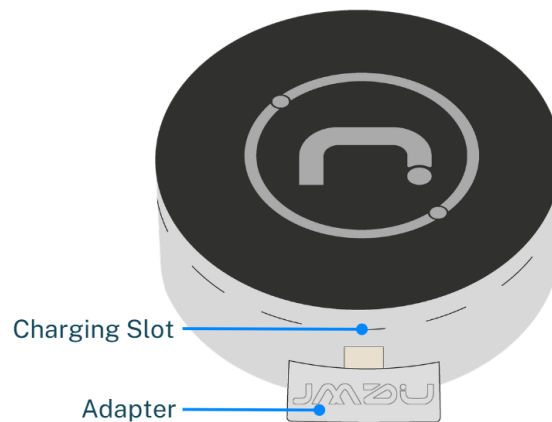


Fig 1



Fig 2

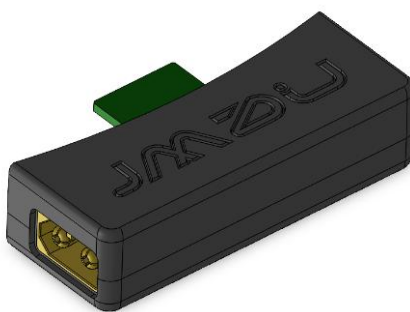


Fig 3

2.2. Description

Chef is a cylindrical, battery-powered, portable induction stove designed for versatile use: indoor kitchens, outdoor settings (van life, camping, boating, tailgating). The unit features an integrated battery, ambient LED lighting, Charger Key Adapter, and control via the newr iOS app. Chef has no physical cooking controls. The switch on the bottom of the unit controls power (when switched OFF, the unit will not charge); all cooking functions — power level, timers, and starting and stopping a cook — require a Bluetooth paired phone or tablet running the newr app.

2.3. Key Specifications

Parameter	Value
Model	Chef - C000
Battery Chemistry	Lithium-ion NCA
Max Continuous Power Output	2,000 W (cookware and placement dependent)
Cooking Area	10.5" diameter
Charging Time (AC)	Under 2.5 hours
Power Supply	newr-supplied AC power supply, Class I (grounded, metal housing, IP67-rated). See §4.2 for safety details.
Chef Input Voltage	15–48 V DC
Input Power (Max)	480W with AC charging supply
Weight	20 lbs
Dimensions	12" diameter × 4.5" height

Parameter	Value
IP Rating (Water Resistance)	IP66, self-certified to IEC 60529
Discharge Temp Range	-40° to 140°F (-40° to 60°C)
Charging Temp Range	32° to 113°F (0° to 45°C)
Storage Temp Range	32° to 113°F (0° to 45°C)
Certification Marks	FCC ID: 2BHQEC000 — BLE radio (2.402–2.480 GHz), certified under FCC Part 15, Subpart C (granted July 29, 2026). Part 15 Subpart B and Part 18 (ISM) covered under a Supplier's Declaration of Conformity (SDoC).
Battery Cell Certifications	UL 1642, IEC 62133-2:2017 (incl. AMD1:2021)
Transport Classification	UN 3481, PI 967 Section I; cells tested under the UN Manual of Tests and Criteria §38.3 for transport classification.
App Platform	iOS only
Pan Size	5" up to 10" diameter base

2.4. Runtime

The chart below shows the estimated total run time at that power with a full battery, not a continuous run time.



Fig 4a — Run Time: Simmer-Low

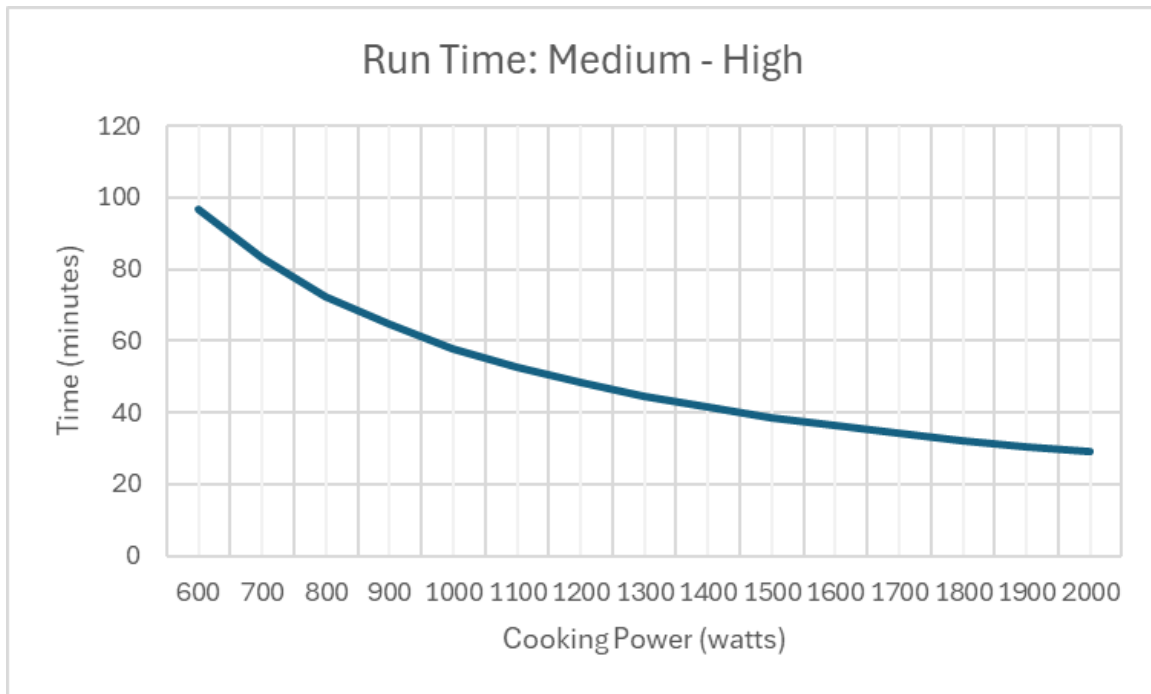


Fig 4b — Run Time: Medium-High

Note: Due to internal temperature limiting, continuous run time will vary based on ambient conditions, device starting temperature, size of cooking vessel, cookware type, and cooking method.

2.5. Feature Highlights

- Cordless operation, no open flame, fanless, low-noise
- Smart control (Bluetooth via newr app; remote monitoring, timers, presets)
- Perimeter LED ring for cooking status, alerts, battery notifications
- Rugged weather-resistant build
- App & firmware updates

2.6. Cookware Compatibility

- See §1.1 for the canonical lists of compatible and incompatible cookware materials. Use only cookware with a ferromagnetic (magnetic) base — for example, cast iron, enameled cast iron, carbon steel, and induction-marked magnetic stainless steel.
- Quick test: If a magnet sticks firmly to the bottom of the pan, it's compatible.
- Not all cookware will perform the same. For best results use induction cookware 5" up to 10" in diameter, placed flat on the glass and well-centered. Additionally, cookware base diameter and material affect coupling efficiency and max power delivered.

3. Setup & First Use

3.1. Unpacking & Inspection

- Carefully remove the Chef and all included components from the box and protective packaging.
- Inspect the unit for visible damage. Cosmetic scratches and minor dents from normal handling are acceptable, but if you find a puncture, crack, or large dent from a significant impact, or battery swelling, leaking, or an unusual odor, do not operate the unit — contact the carrier and newr support immediately.
- Remove all protective packaging and tape. Do not remove any labels on the unit.
- Verify that all items listed in the “What’s in the Box” section (§2.1) are present.
- Keep all packaging until newr tells you it is no longer needed (see §9), then recycle it under local rules.

3.2. Placement & Clearance

- Place Chef on a flat, stable, heat-resistant surface.
- Ensure sufficient clearance from walls or any combustible material for cooking safety.
- For optimal battery and safety performance, use in ambient temperatures within the recommended range (see §2.3 Key Specifications).
- It is safe to use and cook with Chef in the sun, but do not leave Chef sitting in direct sunlight. Chef is passively cooled (no fan), so higher ambient temperatures, sunlight, or other external heat sources will keep it pre-heated, which reduces available cooking time and can cause pauses in charging. It is your responsibility to move Chef to a cooler location out of direct sunlight whenever it is not actively in use.

3.3. Initial Setup

- Before first use, fully charge Chef:
 - Turn on the unit using the power switch underneath Chef (Charging is disabled when Chef is OFF).
 - Plug the included AC power supply and Charger Key Adapter together.
 - Insert the supplied Charger Key Adapter into the slot marked with the charging symbol, on the side of the shield directly above the power icon, as shown in Fig 5 & 6. Then plug in the AC adapter to a wall outlet.
 - Charging is complete when the single LED indicator turns solid GREEN; the app also shows the battery percentage.

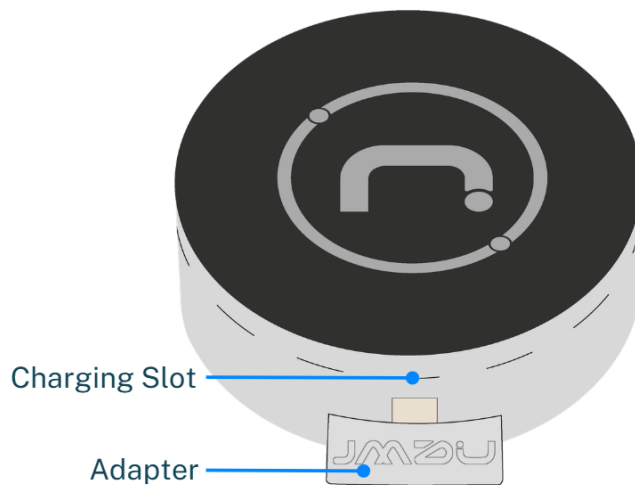


Fig 5



Fig 6

3.4. App Setup and Use

- On your iOS device, download the newr app from the App Store.

- Enable Bluetooth on your device.
- Open the app. If the device is not powered on, turn on the power switch on the bottom. At power-up, a single BLUE LED briefly lights over the charging power icon.
- On the app's main screen, available Chef units are shown. Tap the "Chef" tile to pair.



Fig 7 — Main Screen, unpaired



Fig 8 — Main Screen, paired

- Once connected, a "Grill" icon appears. Tap it to move to the cooking screen for setting/adjusting the power level. See Fig 7 & 8 above.
- Your Chef unit includes a perimeter LED light band that can be used when the Chef is not cooking. Once connected to a unit, tap the "light bulb" icon. This will turn on the ambient lighting.
- Configure the device name (e.g., Kitchen Chef, Patio Chef, Chef 1) by tapping the current Chef name and selecting the pencil (edit) icon. Enter the new name, then tap Save at the bottom of the screen. The updated name will appear on the main screen during connection and helps distinguish multiple units.

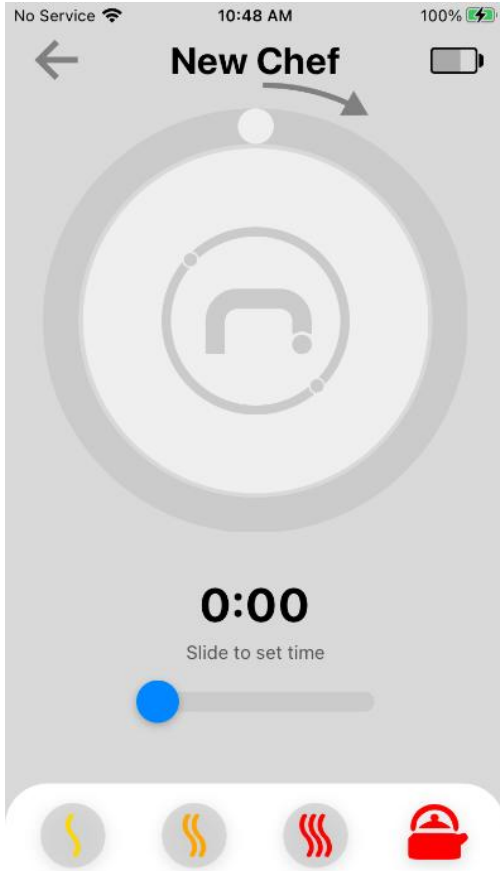


Fig 9 — Cooking screen

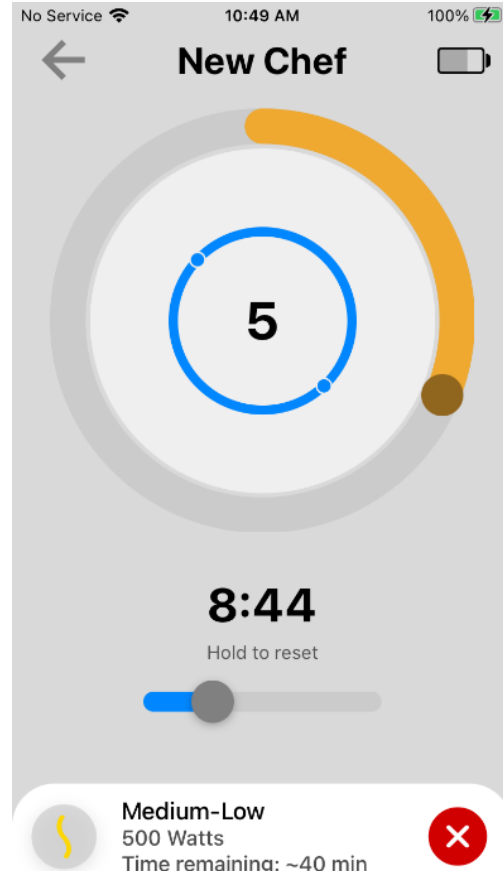


Fig 10 — Cooking active

- Once in the cooking screen, turn the cooking dial (small white circle at the top of the screen) clockwise to start cooking with Chef. A higher dial number means higher power/wattage. You can also set a timer using the slider below the power dial. Tap the RED “X” circle to stop cooking. See Fig 9 & 10 above.
- For best connectivity, keep the app updated and its Bluetooth permission enabled. If prompted, update firmware for latest features and performance.
- Data and privacy. Chef records data about its own operation — internal temperature and thermal events, battery voltage and state of charge, charge cycles, fault and lockout events, power level and run time, firmware version, and Bluetooth pairing records — in its internal memory whenever it is powered on, whether or not the newr app is connected and whether or not you are cooking. Chef has no internet connection of its own: it relays its stored records through whichever phone pairs with it next, and the newr app passes them to newr. Diagnostic reports are sent only when you ask for support. The first time you connect a Chef, and again whenever you reinstall the app, the newr app asks you to accept the App & Device Terms of Use

and shows notice of this data collection. For what is collected, how it is used, and your choices, see the newr Privacy Policy.

- Safety and recall notices. newr delivers safety bulletins, recall notices, and other product-safety communications through the newr app or to the email address associated with your order. Keep the app installed on a phone you use with Chef, keep its notifications enabled, and keep your contact information current so these reach you.

3.5. Firmware Updates

Chef firmware updates are delivered over-the-air (OTA) through the newr app over Bluetooth. To check your current firmware version, open the newr app and navigate to the device settings for your Chef.

Before starting an update, confirm: (1) battery state of charge is at least 30%; (2) Chef is not actively cooking; and (3) your phone is within Bluetooth range of the unit. During the update, do not switch Chef off and do not close the newr app.

If an update fails, retry from the app. If failures persist, contact support@newrcompany.com. Firmware downgrades are not generally supported and are available only through a support-authorized recovery procedure.

4. Charging Instructions

4.1. Wall-outlet Charging

- Chef can be charged using the Charger Key Adapter (Fig 12). You can charge Chef through the XT60 connector with the included AC power supply or compatible solar panels.
- To charge Chef, turn on the power switch on the bottom of the unit (Fig 11), connect the power supply to the Charger Key Adapter, insert the Charger Key Adapter into Chef, then plug the power supply into a wall outlet.

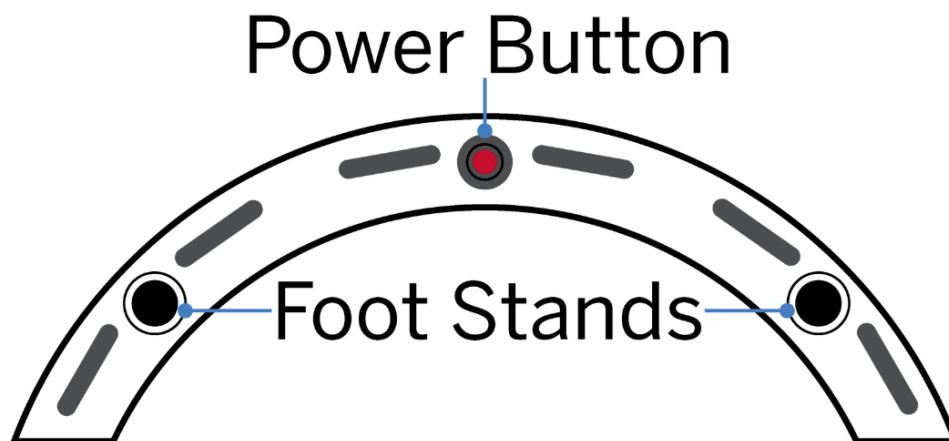


Fig 11

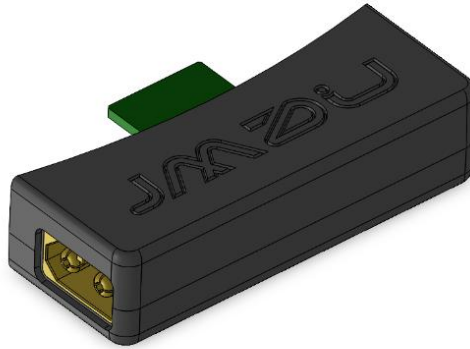


Fig 12

- The single LED indicator breathes GREEN while Chef is charging. Charging is complete when it turns solid GREEN. The app also displays the current battery percentage.
- When charging is complete, unplug the power supply from the wall outlet, then remove the Charger Key Adapter.

Safety Reminder: Only use the provided or newr approved power supply. Substituting unauthorized power supplies may present fire or electric shock hazards and void your warranty/certification.

4.2. Identifying Your Power Supply

Chef ships with one newr-supplied AC mains power supply, sized to deliver the rated DC voltage and current to the Chef battery pack through the Charger Key Adapter.

The power supply is a Safety Class I (grounded) device with a metal housing and an IP67 ingress rating. It has factory-installed cordsets: a 3-prong (grounded) AC plug on the input and a keyed DC connector on the output that mates with the Charger Key Adapter.

Use only a properly grounded 120 VAC household outlet. Do not use a 2-prong adapter, a "cheater" plug, or any outlet where the ground pin is missing or broken. The charger is approved for indoor and outdoor use; keep the AC plug, output connector, and any extension cord dry and clear of standing water.

Do not open the metal housing — there are no user-serviceable parts inside. If the housing, plug, or cable shows any damage, stop using the charger immediately and contact newr for a replacement.

For a replacement power supply or service questions, contact newr at support@newrcompany.com.

Charge Chef only within an ambient temperature range of 32 to 113 °F (0 to 45 °C). Do not charge a cold-soaked or hot battery pack. Disconnect the charger from the AC outlet before disconnecting it from Chef.

4.3. Solar Charging

For solar charging:

- Connect 24–36 V nominal solar panel systems using the XT60 connector on the side of the Charger Key Adapter. The Chef input accepts 15–48 V DC; do not exceed 48 V DC at the input. Ensure the connectors are secure.
- Keep Chef in the shade while the solar panels are in the sun.
- Use only accessories/adapters certified by newr for your model.

4.4. Battery Life Tips

- Before charging, allow the battery to cool below 113°F (45°C), ideally to room temperature (77°F / 25°C).
- If Chef has been sitting in direct sun or a hot environment, move it to a cooler location out of direct sunlight and let it cool before charging. Charging will not begin (or will pause) until the battery returns to its 32–113°F (0–45°C) charging range, so a pre-heated Chef takes longer to charge.
- Stop cooking before the battery goes below 5%
- For long-term storage, keep the battery at 30% charge in a cool, dry place, 32° to 113°F (0° to 45°C).
- Remove hot cookware after cooking.
- For optimal battery life, keep the charge level between 20% and 80%.

5. Cooking Instructions

Cooking is not permitted with the Charger Key Adapter inserted. Remove all charging adapters before starting to cook. Cooking will stop if a charging adapter is inserted into the charging port.

WARNING — Hot surfaces and cookware. See §1.3 for full warning.

5.1. Turning On / Off

- To turn ON: Press the power button (physical button on the bottom of the unit) until it clicks. A single BLUE indicator LED lights briefly.
- To turn OFF: Press the power button again until it clicks.
- Note: The unit will go into LOW power mode after 5 minutes of inactivity. To WAKE UP, connect to it from the app. The unit will go into HIBERNATE mode after two hours of

inactivity. To WAKE UP, press the power button off, then on (physical button on the bottom of the unit).

5.2. Selecting Power Level

- The LED ring will light, indicating cooking is active.

LED LIGHT COLOR	POWER LEVEL
 RED	HIGH
 ORANGE	MEDIUM
 YELLOW	LOW

- Via the app: Adjust power level (1–16) to fit your cooking needs.

Level	Watts	Name
1	100 W	Keep Warm
2	200 W	Simmer
3	300 W	Low
4	400 W	Low
5	500 W	Medium-Low
6	600 W	Medium-Low
7	700 W	Medium
8	800 W	Medium
9	900 W	Medium-High
10	1000 W	Medium-High
11	1100 W	Medium-High
12	1200 W	High
13	1400 W	High

Level	Watts	Name
14	1600 W	High
15	1800 W	High
16	2000 W	Boil

Note: power levels are targets and are not guaranteed output. The power delivered depends on the cookware base material, cookware base diameter, and placement on the glass.

5.3. Cooking Guidelines

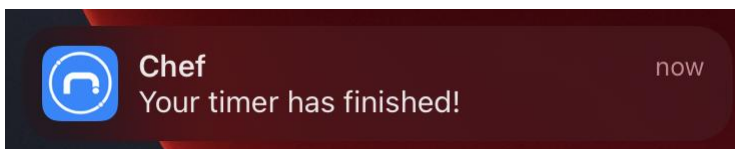
- For optimal results, ensure the unit is cool to room temperature and the battery is adequately charged for the desired cooking time and power. A fully charged battery will cook for ~30 minutes at full power; lower levels allow longer runtime (see Fig 4a and Fig 4b).
- Place induction-compatible cookware on glass surface, as centered as possible for optimal performance.
- Do not operate Chef unattended. Remain in the same room as Chef throughout any cooking session.
- Do not cover vents or block airflow during use.

Safety Reminders:

- Do not touch hot surfaces immediately after shutdown. Surfaces and cookware may remain hot for several minutes.
- The unit may automatically turn off if no cookware is detected, or in case of programmed safety features like over-temperature warnings, or low battery.
- Charging is not permitted while cooking. Cooking will stop if the Charger Key Adapter is inserted.
- After high-power use or long cooking sessions, the device may need to cool before charging.
- Do not charge or operate outside specified temperature ranges (see §2.3).

5.4. Timer & Preset Modes

- Timer: Use the app to set a cooking timer which will send you a notification when the timer has expired. You then have the option to Dismiss the timer. See Fig 9.



- Power Presets allow you to quickly choose commonly used heat levels. Please note that higher preset levels draw more electrical power during operation. Each preset corresponds to a fixed wattage:



- Preset 1: 300 W
- Preset 2: 700 W
- Preset 3: 1100 W
- Preset 4: 2000 W

5.5. LED Ring Light Operation

Function	LED Response
Power On	Single BLUE LED above charging icon (Indicator)
Cooking	Solid Yellow / Orange / Red Ring, depending on power level
Ambient Light turned on	Solid White Ring
Charging	Breathing Green Indicator
Charging Battery Full	Solid Green Indicator
Connected	Solid Blue Ring
Hot surface caution	Breathing Red Indicator
Outside Charging Temp Range	Solid Orange Indicator
Input Overvoltage Lockout	Solid Red Indicator
Damaged Charger Key Adapter	Blinking Red Indicator
Over Temperature Warning	Blinking Red Ring

Note: Ambient lighting is possible when the unit is ON, connected, and not cooking.

5.6. Built-in Safety and Protection Features

- Over-temperature shutdown
- Battery depletion shutdown
- Pan detection (automatically stops cooking if no pan is present)

- App/LED alerts for:
- Overheating
- Battery/service faults

In the event of a fault, Chef will either shut down or limit power and issue an alert through the app and display color indication on LED ring lights. Chef may need to be reset with the POWER switch as instructed in the app. See §7 for fault indications and recovery procedure.

Temperature Alerts — How Chef Communicates Heat

Chef monitors its own temperature whenever it is ON (meaning the switch is in the ON position, and including hibernate). The following table details Chef's response and app response when different temperature events occur.

Temperature Event	Chef Response	App Response
Rising Temperature in Idle Mode: above 131 °F (55 °C)	Blinking Red Ring	App Notification
Cooking paused due to over temperature: 140 °F (60 °C)	Cooking stops	App Notification
Critical over temperature: 145 °F (63 °C)	BMS disconnects the battery + LED ring disabled (Chef must be manually power cycled before using again)	App Notification
Lockout over temperature: 176 °F (80 °C)	For safety precaution, Chef permanently locks out cooking and charging. User should contact newr customer support. Service following this lockout is not covered by the limited warranty; see §9.	App Notification
Hot surface caution	Breathing Red Indicator	App Notification
Outside Charging Temp Range	Solid Orange Indicator	App Notification

Note: Chef can only alert you while it is powered on. With the newr app connected, you will also receive app notifications; if Chef is on but not connected to the app, you will see the LED ring indication only; if Chef is switched off at the bottom power switch, it cannot warn you at all. Because Chef is passively cooled, keeping Chef out of direct sunlight and away from other heat sources is ultimately the user's responsibility.

6. Care, Cleaning & Maintenance

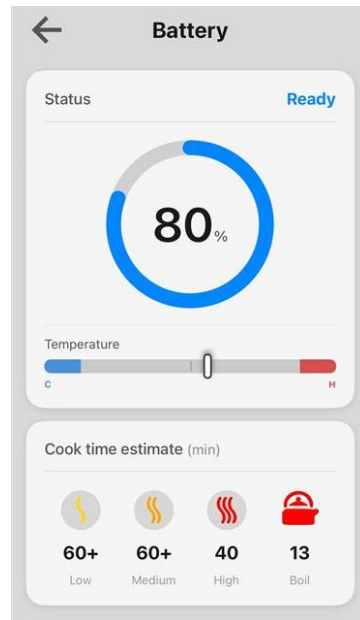
WARNING — Hot surfaces and cookware. Allow Chef and cookware to cool completely (LED ring no longer breathing red) before cleaning or storage. See §1.3 for full warning.

6.1. Everyday Cleaning

- Always turn off Chef and remove the Charger Key Adapter before cleaning.
- Allow all surfaces and cookware to cool completely.
- Clean the cooking surface with a soft, damp cloth and glass cleaner. Clean the sides and bottom with water and cloth.
- Avoid abrasive pads or sharp tools (unless specified by newr).
- Wipe exterior gently; avoid excessive moisture or cleaners around the charging port.
- Clean vents periodically to maintain airflow.
- Do not clean this product with a high pressure spray.
- Do not submerge this product in water to clean.
- Clean cooking surface with caution. If a wet sponge or cloth is used to wipe spills on a hot cooking area, be careful to avoid steam burn. Some cleaners can produce noxious fumes if applied to a hot surface.

6.2. Maintenance Checks

- Regularly inspect the power button, charging ports, and cooking surface for wear or damage.
- Ensure the unit's feet are present and the base remains stable. For replacement feet, contact support@newrcompany.com.
- For battery health and charging cycle info, see app Battery screen by tapping the battery icon.



6.3. Storage

- If storing the unit for a prolonged period, ensure battery is at 30% and store in a cool dry place 32° to 113°F (0° to 45°C).
- Do not store Chef where temperatures can exceed 113 °F (45 °C) — for example a parked car, a dashboard, or direct sunlight. Sustained temperatures above the storage range reduce battery life and can cause thermal damage. See §1.2.
- Make sure the unit is switched off.

6.4. Disposal^[OBJ]

Chef contains a lithium-ion battery and must not be placed in household trash or curbside recycling. Lithium-ion batteries placed in regular waste streams have caused fires at recycling and waste facilities.

Preferred path: return to newr. If your Chef has reached end of life and the battery is undamaged, please contact newr at support@newrcompany.com BEFORE shipping anything. Many units have remaining service life and can be refurbished. Our support team will evaluate the unit and, if the unit is suitable for return, issue a return merchandise authorization (RMA) together with required documents and instructions to ship it back to newr. Chef may be returned only with an RMA and only by scheduled ground pickup; it cannot be dropped off at a carrier location or placed in a drop box. If you prefer not to use newr's end-of-life / take-back program, take Chef to an authorized lithium-ion battery recycler, such as a Call2Recycle collection site (call2recycle.org), or follow your state or local hazardous waste / e-waste procedures.

If the battery is damaged, leaking, swollen, or emitting an unusual odor: do NOT ship to newr.

Damaged lithium-ion batteries require hazmat handling and must be taken to a certified collection site.

In the United States, drop the unit off at any Call2Recycle collection site (find your nearest site at call2recycle.org or by texting your ZIP code to 1-877-723-1297) or follow your state or local hazardous waste / e-waste procedures.

Do not crush, puncture, incinerate, or attempt to disassemble Chef under any circumstances.

For case-integrity and no-drilling requirements, see §1.2 Battery & Power Safety.

7. Troubleshooting & Fault Indications

7.1. Reset Procedures

Power-cycle Chef using the power switch on the bottom of the unit: turn the switch off, wait 15 (fifteen) seconds, then turn it back on. Completely close and reopen the newr app and reconnect. Use this as the first step for unresponsive units or transient app-connection problems.

Unpair from app. To remove a Chef from the newr app before transferring or returning the unit, open the newr app's device-management screen and select Unpair. Unpairing is recommended whenever ownership changes.

Error Codes

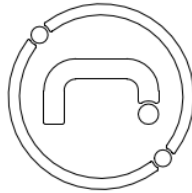
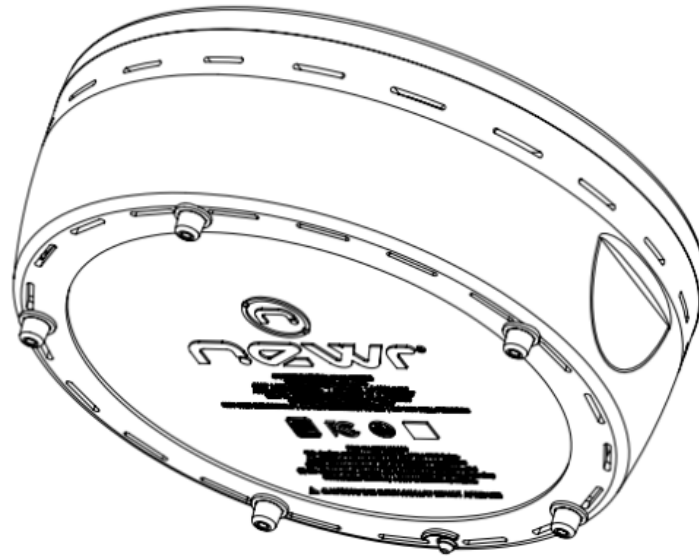
Chef will display error codes when present in the app. When contacting support or app reporting, provide: Serial number, error code, and description of issue.

Symptom	Possible Cause	Remedy
Unit won't turn on	Battery depleted	Recharge
	Power button not fully latched	Press the power button fully until it clicks
Cooking doesn't heat cookware	Incompatible cookware (non-magnetic)	Use ferromagnetic cookware (magnet test)
	Unit isn't turned on	Press the power button fully until it clicks
	App isn't connected / Unit out of range	Connect to unit
	Battery not charged	Recharge
	Chef is not on a flat surface	Move unit to flat surface

Symptom	Possible Cause	Remedy
	Unit needs reset	Manually reset Chef with switch and reconnect
	App needs reset	Close app and reopen and reconnect
	Unit is over-temperature	Let unit cool before cooking
Battery drains very quickly	High power level	Reduce power level
Unit shuts off unexpectedly	Over-temperature	Allow unit to cool
	Low battery protection	Recharge
	Unit out of range	Move closer to unit
App shows “No connection” or not connecting	Bluetooth issue	Ensure phone Bluetooth is on; restart app/phone; re-pair unit
	Unit not turned on	Press the power button fully until it clicks
	Unit out of range	Move closer to unit
	Battery not charged	Charge unit then reconnect
App shows an error code	Internal fault detected	See error code list in app; contact newr support with code
Pan detected but not heating	Incorrect power level, pan misaligned	Increase power; center pan
Persistent errors after reset	Firmware/software issue, hardware fault	Check for firmware update; contact support
Can't charge battery	Ambient temperature out of range	Move to correct environment; let unit cool
	Power supply not connected	Connect the power supply to the Charger Key Adapter

Symptom	Possible Cause	Remedy
	Chef is switched OFF	Turn Chef ON (charging is disabled when OFF)
Over-temperature warning	Chef is in direct sunlight	Move to a shaded area
	Hot cookware left on the glass	Remove cookware and let unit cool
	Battery temperature out of range	Wait until the battery cools
Chef isn't charging from a solar panel	Solar panel voltage out of range	Use 24–36 V nominal solar panels; Chef input accepts 15–48 V DC.
	Unit is switched OFF	Turn on the power switch on the bottom of the unit

8. Part Label or Permanent Markings



newr®

CONTAINS LITHIUM-ION BATTERIES
 INPUT: 15-48VDC, 10A MAX
 CHEF | "COOK FREELY"™ | EST 2021 | © 2026 newr
 ASSEMBLED IN THE U.S.A. | PRODUCT OF newr
 U.S. PAT. WWW.NEWRCOMPANY.COM/PATENTS
 MFG PRT NO C000-0123456 | CHEF
 NOT USER SERVICEABLE | DO NOT IMMERSE IN WATER | DO NOT DRILL/PUNCTURE



FCC ID: 2BHQEC000

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

⚠ CAUTION: THIS SURFACE MAY BE HOT AFTER USE

The diagram(s) above show the permanent markings on the bottom of every Chef unit. Each marking and its basis is listed below.

newr® — Brand wordmark, lowercase, registered trademark of 2NNs LLC.

COOK FREELY™ — Product tagline, unregistered trademark of 2NNs LLC.

MFG PRT NO C000-0123456 | CHEF — Manufacturer part number, serial number, and product name on a single line. The first portion (C000) identifies the model — "Chef" model C000 (the hardware revision is tracked internally and is not shown in the part number). The second portion (0123456) is the unit-unique 7-digit sequential serial number used for warranty claims, support, and traceability.

INPUT 15–48 VDC, 10A max — Electrical input rating

CONTAINS LITHIUM-ION BATTERIES — Lithium-ion safety/disposal notice. Do not incinerate, crush, or place in household waste; see §1.2 and §6.4.

ASSEMBLED IN THE U.S.A. | PRODUCT OF newr — Qualified Made in USA claim per FTC 16 CFR Part 323 ("Assembled in the U.S.A.") followed by brand attribution (the newr wordmark identifies the manufacturer). The principal assembly of the Chef is performed at the newr facility in Indianapolis, Indiana. Per the Country of Origin statement in the Regulatory Information section, the product is assembled in the USA with foreign and domestic components.

CHEF | "COOK FREELY"™ | EST 2021 | © 2026 newr — Product name, tagline, company establishment year, and copyright notice (consolidated on a single line of the label).

Compliance marks (three): Induction — symbol indicating the product is an induction cooking appliance; FCC — Federal Communications Commission, basis: BLE radio certified under Part 15, Subpart C (FCC ID below); Part 15 Subpart B and Part 18 covered under a Supplier's Declaration of Conformity (SDoC); RoHS — substance restriction (lead, mercury, cadmium, hexavalent chromium, PBB, PBDE, applicable phthalates), self-declared. Chef is launched for sale in the United States only; IC (Canada) marking is not included.

FCC ID: 2BHQEC000 — identifies the Part 15 Subpart C–certified BLE radio; required on the label under 47 CFR §15.19. The label also reproduces the Part 15 compliance statement: "This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation." Part 15 Subpart B and Part 18 are covered under SDoC. Full Part 15 Class B / Part 18 notices appear in the Regulatory Information section.

www.newrcompany.com/patents and U.S. Patent 12,568,559 — Patent marking under 35 U.S.C. §287 (virtual marking).

NOT USER SERVICEABLE | DO NOT IMMERSE IN WATER — User-safety notice. Chef contains no user-serviceable parts; opening the unit voids warranty and creates electrical and battery hazards. Do not submerge or rinse under running water; see §6.1 for approved cleaning methods.

CAUTION: THIS SURFACE MAY BE HOT AFTER USE — Hot-surface caution with warning triangle. Aligns with §1.3 induction & heating safety and §5.5 LED ring red-breathing "hot surface" indicator.

Note: California Proposition 65 warning is not on the laser-etched label. It appears in the Quick Start Guide, on the product website, and in the Regulatory Information section of this manual.

9. Warranty and Service Information

Keep your original packaging. Chef contains a lithium-ion battery. The original box and inserts are certified for safe battery transport (UN 38.3) and are required to ship Chef back to newr for warranty service or battery replacement. Store the complete packaging in a dry place and keep it until newr notifies you, through the newr app or by email, that retention is no longer required. If it is no longer available when a return is needed, contact support@newrcompany.com; newr can supply replacement packaging, and a replacement-packaging charge may apply. See the Returns section of the newr Product Purchase Terms and Conditions.

- newr provides a limited warranty covering defects in materials and workmanship. The warranty period, what it covers, what it excludes, and the available remedies are set out in the Limited Warranty section of the newr Product Purchase Terms and Conditions.
- Warranty does **not** cover: normal wear & tear, misuse, unauthorized modifications, damage from external causes (e.g., fire, flood, abuse). The warranty also does not cover damage from operating, charging, or storing Chef outside the temperature ranges given in this manual; damage from drilling, cutting, or puncturing the case, or from mounting Chef by fastening through it; or any unit that has recorded an over-temperature service lockout. See the Limited Warranty section of the newr Product Purchase Terms and Conditions for the complete list.
- To make a warranty claim, provide proof of purchase, serial number, and error code or fault description. Contact support@newrcompany.com for a return merchandise authorization (RMA) before shipping anything. Chef contains a lithium-ion battery and ships as a regulated Class 9 dangerous good: it may be returned only with an RMA, only in the original shipping packaging or packaging newr supplies, only with the hazardous-materials labels and shipping papers newr provides, and only by scheduled ground pickup — it cannot be dropped off at a carrier location or placed in a drop box. Return eligibility, fees, and refund processing are set out in the Returns section of the newr Product Purchase Terms and Conditions.
- Service and repairs must be carried out by newr-authorized technicians. Use of parts, charging adapters, or cookware that does not meet newr's published specifications may void the warranty only with respect to damage actually caused by such non-conforming parts (specification compliance, not brand identity, is the standard). See the newr Product Purchase Terms and Conditions for the full warranty terms.

- For service, contact:
 - support@newrcompany.com
 - Website: www.newrcompany.com
-

10. Regulatory Information

All specifications subject to change. See www.newrcompany.com/usermanuals for updates and latest revision date. For battery disposal and recycling, see Section 6.4. Contains lithium battery. Intended for household indoor/outdoor use; not certified for use in hazardous environments.

FCC Compliance Information.

FCC ID: 2BHQEC000. The Bluetooth Low Energy (BLE) radio is certified under FCC Part 15, Subpart C; the FCC ID applies to this radio only. The unintentional-radiator (Part 15, Subpart B) and induction/ISM (Part 18) functions are covered under a Supplier's Declaration of Conformity (SDoC).

Part 15 — Two-Condition Statement. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Part 15 — Class B Digital Device Notice. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: reorient or relocate the receiving antenna; increase the separation between the equipment and receiver; connect the equipment into an outlet on a circuit different from that to which the receiver is connected; consult the dealer or an experienced radio/TV technician for help.

Changes or Modifications. Changes or modifications not expressly approved by 2NNs LLC dba newr could void the user's authority to operate the equipment.

Part 18 — ISM Induction User Information. Chef uses induction (ISM-band) radio-frequency energy to heat cookware. The RF energy is contained within the device and is not used for any communication function. As with other induction appliances, operation may cause interference with nearby radio receivers, televisions, hearing aids, and implanted medical devices including pacemakers and defibrillators. Persons with active implanted medical devices should consult their physician or the device manufacturer before using this product. Chef has no user-serviceable parts; maintenance must be performed only by newr-authorized service. Keep the glass cooking surface and ventilation openings clean and unobstructed. If you suspect Chef is causing interference with another device, turn Chef off and move it away from the affected device; if interference persists, contact support@newrcompany.com.

RF Exposure. This device complies with FCC radio frequency exposure limits set forth for an uncontrolled environment.

Responsible Party (per 47 CFR §2.1077).

Product: Chef Portable Induction Stove, Model C000

FCC ID: 2BHQEC000

Responsible Party: 2NNs LLC dba newr

Address: 1625 Southeastern Avenue, Indianapolis, IN 46201, USA (Mailing: P.O. Box 7854, Greenwood, IN 46142)

Email: support@newrcompany.com

Website: www.newrcompany.com

Patent. This product is protected by U.S. Patent No. 12,568,559. Additional patents may be pending. For the most current list of patents covering this product, visit www.newrcompany.com/patents.

California Proposition 65 Warning. WARNING: This product can expose you to chemicals including nickel and cobalt, which are known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

Materials Compliance. This product is manufactured to restrict hazardous substances in line with RoHS substance limits (lead, mercury, cadmium, hexavalent chromium, PBB, PBDE, and applicable phthalates). Chef is initially launched for sale in the United States; it has not been certified for sale or import into the European Union or other jurisdictions, and no EU CE / RoHS / REACH conformity is claimed at this time.

Country of Origin. Assembled in the USA — with foreign and domestic components.

11. Frequently Asked Questions

This list addresses the most common questions. The most current list is available at www.newrcompany.com/faq.

Q1. Why isn't my cookware heating up?

Chef uses induction, which requires cookware with a ferromagnetic (magnetic) base. Test the base of your pan with a magnet — if the magnet does not stick firmly, the pan is not compatible. Aluminum (uncoated), copper, glass, ceramic, and non-magnetic stainless steel will not heat on Chef. See §1.1 and §2.6 for the full compatibility guide.

Q2. How long will Chef cook on a full battery?

A fully charged Chef yields approximately 30 minutes of cooking at full power, with longer runtimes at lower power levels. See the runtime curves in §2.4. Actual runtime varies with ambient temperature, the starting temperature of the unit, cookware size and material, and the cooking method.

Q3. How long does Chef take to charge?

Under 2.5 hours from empty using the newr-supplied AC power supply. See §2.3 Key Specifications and §4.1 Wall-outlet Charging.

Q4. Can I charge Chef and cook at the same time?

No. Charging is disabled while cooking is active, and inserting the Charger Key Adapter while cooking will stop the cook. This is a designed safety behavior.

Q5. Why did Chef shut off in the middle of my cook?

The most common causes are over-temperature shutdown (Chef in direct sunlight or in a confined space with poor airflow), low battery, or pan-removed detection (Chef stops heating when no compatible cookware is on the cooking surface). See §7 Troubleshooting.

Q6. Can I use Chef outdoors?

Yes. Chef is rated IP66 (the stove body) for outdoor use, and the outdoor variant of the AC power supply is IP67. Keep the AC plug and any extension cord dry and clear of standing water. Store Chef indoors when not in use, even though it is water-resistant.

Q7. Can I take Chef on an airplane?

No. Chef's internal lithium-ion battery exceeds the airline-approval threshold under IATA Dangerous Goods Regulations PI 967 and 49 CFR §173.185. Chef must be shipped by U.S. ground transport only.

Q8. Can I use Chef on a boat?

Chef is rated for outdoor use and is consistent with U.S. Coast Guard guidance on portable lithium-battery cooking appliances aboard small craft. Secure Chef against motion and keep it on a flat, level surface; the cooking surface's pan-detection cannot compensate for cookware sliding on a moving vessel. Secure Chef by placing it on a non-slip mat or restraining it with a strap routed over the top of the unit and across the body. Keep straps clear of the ventilation slots and off the glass cooking surface. Never secure Chef by drilling or fastening through the case.

Q9. How do I connect Chef to my phone?

Install the newr app from the iOS App Store, enable Bluetooth on your phone, power Chef on with the bottom switch, then open the app and select Chef from the main screen. See §3.4 (App Setup and Use). Chef supports iOS only at this time.

Q10. How do I update Chef's firmware?

Updates are delivered over-the-air through the newr app. Confirm your battery is at least 30% charged and Chef is not actively cooking before starting the update. See §3.5 (Firmware Updates) for the full procedure.

Q11. What do the LED ring colors mean?

The LED ring on the upper edge of Chef indicates power state, cooking activity, charging, hot-surface caution, and fault conditions. See the LED Response table in §5.5. The breathing red indicator LED in

particular means the glass cooking surface is still hot — do not touch the cooking surface or move Chef until it clears.

Q12. How do I clean stuck-on food from the cooking surface?

Allow Chef and the cookware to cool completely (breathing red LED no longer visible). Use a soft, damp cloth and a household glass-cleaner. Do not use abrasive pads, scrapers, or high-pressure spray. See §6.1 Everyday Cleaning.

Q13. Can I use a third-party charger?

No. Use only the newr-supplied AC power supply or a newr-approved compatible solar panel through the Charger Key Adapter. A power supply suitable for a different battery may create a fire or shock hazard, and using one will void the warranty for any resulting damage. See §1.2.

Q14. Is Chef safe to use near a pacemaker or other implanted medical device?

Persons with active implanted medical devices including pacemakers and defibrillators (AICDs) should consult their physician or the device manufacturer before using any induction appliance. See the Regulatory Information section at the back of this manual.

Q15. How do I factory-reset Chef?

Open the newr app, navigate to Settings → Device → Factory Reset. There is no on-device button-hold sequence. If you have lost access to the newr app (app deleted, lost phone with no backup), contact support@newrcompany.com for a support-authorized recovery procedure. See §7.1 Reset Procedures.

Q16. How do I dispose of Chef at end of life?

Do not place Chef in household trash or curbside recycling. The preferred path is to return Chef to newr (contact support@newrcompany.com first) for refurbishment or hazmat handling. If the battery is damaged, swollen, leaking, or emitting an odor, drop off at a Call2Recycle collection site rather than shipping. See §6.4 Disposal.

Q17. What if I lose the Charger Key Adapter?

Contact support@newrcompany.com for a replacement. Do not insert any other object into the Chef DC input port — using anything other than a newr-supplied or approved adapter creates a short-circuit and fire hazard.

Q18. Is it okay to leave Chef out in the sun, for example on a boat?

It is safe to use and cook with Chef in the sun, but you should not leave Chef sitting in direct sunlight. Chef is passively cooled (it has no fan), so in the sun it stays pre-heated — even when off — which shortens cooking time and lengthens charging time, and charging will pause until it cools below 113°F (45°C). Move Chef to a cooler location out of direct sunlight when it is not in use and before charging. Note that Chef can only warn you about high temperatures (LED ring, plus app notifications if connected) while it is powered on; if it is switched off it cannot alert you, so keeping it out of direct sun is up to you. Never leave Chef in a hot, enclosed space such as a parked car or a sun-exposed cockpit —

interior heat plus direct sun can drive Chef well above its safe storage range and damage the battery.
See §3.2 and §4.

Revision History

Date	What was updated
July 22, 2026	Original release.
July 30, 2026	Updated safety instructions, Section 1.
August 7, 2026	Formatting and regulatory reference updates.
September 10, 2026	Charging input voltage, warranty and returns cross-references, data and privacy, safety and recall notices.
September 22, 2026	Power-level output note, §5.2; cookware coupling note, §2.6; maximum continuous power qualifier, §2.3.